

SEQUENCE LISTING

<110> COX, REBECCA A.
MAGEE, D. MITCHELL
JIANG, CHENGYONG

<120> PEPTIDE AND DNA IMMUNIZATION AGAINST COCCIDIOIDES IMMITIS INFECTIONS

<130> 4003.001800

<140> UNKNOWN
<141> 2002-02-22

<150> 60/271,031
<151> 2001-02-22

<160> 9

<170> PatentIn version 3.1

<210> 1
<211> 52
<212> DNA
<213> Coccidioides Immitis

<400> 1
atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tg
52

<210> 2
<211> 18
<212> PRT
<213> Coccidioides Immitis

<400> 2

Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Ala Gly Leu Ala
1 5 10 15

Ser Ala

<210> 3
<211> 585

<212> DNA

<213> Coccidioides Immitis

<400> 3

atgcagttct ctcacgctct catcgctctc gtcgctgccg gcctcgccag tgcccagctc
60ccagacatcc caccttgcgc tctcaactgc ttcgttgagg ctctcgccaa cgatggctgc
120actcgcttga ccgacttcaa gtgccactgc tccaaggctg agctcccagg acagatcact
180ccttcgttg aggaggcctg ccctctcgac gcccgttatct ccgtctccaa catcgctcggt
240gaccagtgtt ccaaggccgg tgtcccaatt gacatcccac cagttgacac caccggccgt
300cccgagccat ccgagaccgc tgagcccacc gctgagccaa ccgaggagcc cactgccgag
360cctaccgctg agcccaccgc tgagccgact catgagccca ccgaggagcc cactgccggt
420ccaaccggca ctggcggtgg tgtccccact ggcaccgggtt ctttaccgt cactggcaga
480ccaactgcct ccaccccagc tgagttccca ggtgctggct ccaacgtccg tgccagcggt
540ggcggcattt ctgctgctct cctcggtctc gctgcctacc tgtaa
585

<210> 4

<211> 194

<212> PRT

<213> Coccidioides Immitis

<400> 4

Met Gln Phe Ser His Ala Leu Ile Ala Leu Val Ala Ala Gly Leu Ala
1 5 10 15Ser Ala Gln Leu Pro Asp Ile Pro Pro Cys Ala Leu Asn Cys Phe Val
20 25 30

Glu Ala Leu Gly Asn Asp Gly Cys Thr Arg Leu Thr Asp Phe Lys Cys
 35 40 45

His Cys Ser Lys Pro Glu Leu Pro Gly Gln Ile Thr Pro Cys Val Glu
 50 55 60

Glu Ala Cys Pro Leu Asp Ala Arg Ile Ser Val Ser Asn Ile Val Val
 65 70 75 80

Asp Gln Cys Ser Lys Ala Gly Val Pro Ile Asp Ile Pro Pro Val Asp
 85 90 95

Thr Thr Ala Ala Pro Glu Pro Ser Glu Thr Ala Glu Pro Thr Ala Glu
 100 105 110

Pro Thr Glu Glu Pro Thr Ala Glu Pro Thr Ala Glu Pro Thr Ala Glu
 115 120 125

Pro Thr His Glu Pro Thr Glu Glu Pro Thr Ala Val Pro Thr Gly Thr
 130 135 140

Gly Gly Gly Val Pro Thr Gly Thr Gly Ser Phe Thr Val Thr Gly Arg
 145 150 155 160

Pro Thr Ala Ser Thr Pro Ala Glu Phe Pro Gly Ala Gly Ser Asn Val
 165 170 175

Arg Ala Ser Val Gly Gly Ile Ala Ala Ala Leu Leu Gly Leu Ala Ala
 180 185 190

Tyr Leu

<210> 5
 <211> 30

<212> DNA
<213> Coccidioides immitis

<400> 5
ttgggatccg tcgacatgca gttctctcac
30

<210> 6
<211> 31
<212> DNA
<213> Coccidioides immitis

<400> 6
ggaagatctc gagtaggca ctggcgaggc c
31

<210> 7
<211> 24
<212> DNA
<213> Coccidioides immitis

<400> 7
atgcagttct ctcacgctct catc
24

<210> 8
<211> 24
<212> DNA
<213> Coccidioides immitis

<400> 8
atgcagctcc cagacatccc acct
24

<210> 9
<211> 21
<212> DNA
<213> Coccidioides immitis

<400> 9
ttacaggttag gcagcgagac c
21